TANDY COMPUTER PRODUCTS

Dealer/Franchise
UPDATE

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TANDY...
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PRODUCT NEWS

The following information is provided by Technical Support,
Computer Customer Service, and Computer Merchandising.

The 96K RAM (26-3910, $399.95) upgrades will be available on October 24 from repair.
BASIC (26-3904) for the Tandy 600 will be available 1/15/86 from TEW and will retail
for $129.95 including manual. In order to use BASIC without installing an
additional 96K RAM Board, the user must pull the Multiplan chip out and install
BASIC in its place. If they have a 96K RAM Board installed, they may copy either
Multiplan or BASIC to RAM or disk.

The Tandy 600 contains 32K RAM for file storage. You can expand the memory to 128K
or 224K with a 96K Upgrade Kit.

The unit includes a built-in 3.5" floppy disk drive, which has the ability to store
up to 360K of data.

Tandy 600 Built-in Features

1. Low power, 16 bit 80C88 microprocessor.

2. 80 character, 16 line LCD with matted finish to reduce glare. The LCD
    can be adjusted to accommodate most lighting situations.

3. Internal 300 Baud direct connect (auto answer/auto dial) modem, which
    uses the existing 100/200 Modem Cable (26-1410) or Acoustic Cups
    (26-3805).

4. Standard RS232C connector.

5. Expansion bus for external Floppy Disk Drive.

6. Parallel printer port. Uses existing 100/200 Cable (26-1409).

7. Full featured typewriter keyboard.

8. Built-in nicad batteries and AC adapter charger. Battery life is
    approximately 11 hours.

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TANDY 600 (26-3901) PORTABLE COMPUTER (continued)

9. Optional ROM slot (by removing Multiplan), which uses standard 27256 EPROMS. Allows the use of custom applications.

10. Built-in clock has many features not found in portables. Auto-wakeup will turn unit on to answer a phone call or will wake up at a specified time to run an application program.

11. Sleep function, which will cause the unit to shutdown after a specified length of time. This will conserve battery life.

12. Option ROM for BASIC with 128K RAM can be copied into RAM and Multiplan can be replaced into unit.

13. Five full-featured built-in applications: Word, Calendar, File, Telcom and Multiplan, and System Manager. The applications are written to use key words displayed at the bottom of each screen.

Applications

System Manager
Allows the user to run each application, exchange information between applications, and manage the files created. Information created by Multiplan can be moved into Word, etc. The System Manager does file management for the disk drive and RAM. Date and Time are displayed on the screen.

Word
Allows the user to produce letters, memos, and reports for office, school and personal use. Word contains all the normal word processing features including right justification, global search and replace, auto page numbering, multiple format lines, plus many other features.

Calendar
Keeps track of daily appointments, tasks, and activities. You can even set an alarm to remind you of appointments. When in an application, the 600 will sound an alarm and display the appointment or message.

File
Can be used as either a simple or complex data base for maintaining addresses, expenses, client billing, and inventory.

Telcom
Includes auto dial, answer, wake-up, and host modes. It also supports XMODEM protocol for error-free downloading of files. With the auto wake-up function, the 600 will turn itself on, call another computer and either upload or downland data to either RAM or disk. Telcom also supports many VT-52 escape sequences for cursor positioning.

Multiplan
Is a full featured spreadsheet and the files can be transferred through Telcom to Multiplan on MS-DOS computers.

TANDY 1000 (25-1000) - NEW BIOS ROM VERSION 1.1

The following changes have been implemented in version 1.1 of the BIOS ROM for the Tandy 1000:

1. Modify the floppy BIOS driver to fix a bug in the VERIFY function. The problem is associated with multiple sector verifies. If the first sector of a number of sequential sectors in a multiple sector verify is read without error, but one of the sectors after the first sector has an error, then the BIOS VERIFY call will not return the error status for the faulty sector.

2. Modify the video BIOS driver to fix the following bug: when a read character/attribute (INT 10H, AH = 8) BIOS call is made, the characters that have an attribute of 02 cannot be read.

3. Modify the BIOS initialization code to fix the DMA mode compatibility problem. A hardware change to the DMA has been made and this software fix is required. This fix will allow "NETWORTH" to run. A memory board modification is also required.

4. Disable the interrupts during the strobe pulse to ensure that the strobe pulse is as short as possible.

5. The video mode options available at boot time will be changed to work as follows:

   - If neither F1 nor F12 is depressed the screen will come up in 80 x 25 color, 9-line. In the current ROM it comes up in 80 x 25 black and white, 9-line.

   - If F1 is depressed the screen will come up in 80 x 25 monochrome, 9-line with all palette entries set to black, white and hi-intensity white. This boot option does not exist in the current ROM.

   - If F12 is depressed the screen will come up in 40 x 25 color, 8-line. In the current ROM it comes up in the 40 x 25 black and white, 8-line mode.

6. Modify the floppy disk driver so that the drive 0 light doesn't come on during a floppy reset.

7. Modify the initialization code to initialize the internal speaker on/off switch to on. This change is needed because of a hardware change that allows the internal speaker to be turned off.

8. The version number changed from 01.00.00 to 01.01.00.

NOTE: No ROM upgrade is available nor is it necessary.

Multiplan
Is a full featured spreadsheet and the files can be transferred through Telcom to Multiplan on MS-DOS computers.

CSR GRAPEVINE

As indicated by the name, "Grapevine", this section allows Customer Service Representatives to share information with each other. It is here you can communicate your latest findings and "bits of wisdom" to all CSR's. If you wish to contribute to the CSR Grapevine use the Submission Form attached to the last Update of each month. Please be sure to include your Name and Store Number.

NOTE: We attempt to separate fact from fiction but not being omniscient we may occasionally goof. If so, let us know about it. We'll gladly correct ourselves.

WARNING: The information contained in the CSR Grapevine is made available on an "as is" basis for the use of store personnel only. Much of the information will not be supported by Computer Customer Service and in no way shall Tandy Corporation be responsible for any problems caused by the use of this information.

All articles which do not include a by-line came from Computer Customer Service.

DESKMATE - NO SET TAB FUNCTION

Deskmate software does not have a Set Tab function. Hitting the <TAB> key will move the cursor by five character increments, but there is no Set Tab function.

NOTE: A Customer Feedback Report (#CF-1960) has been submitted on this.

(C. BARBER, PRODUCTIVITY)

MULTIPLAN - UNLINKING SPREADSHEETS

To unlink Multiplan spreadsheets on any computer, you must blank out the cell reference field or the "to:" field.

Perform the commands exactly as if you were going to execute the external copy command for the already linked information. Before you press <ENTER>, erase the cell reference in the "to:" option and make it blank. Press enter to execute the command and the linked information then disappears!

(J. PARRIS, PRODUCTIVITY)

PORTABLE DISK DRIVE MANUAL (26-3808) - SAVING BASIC PROGRAM

Some customers have had trouble saving the BASIC program on page 8 of the Portable Disk Drive Manual. After line 30, the user must type SAVE "IPL.BA". Some customers can not distinguish the "I" and are entering a number "1" in which case the user gets an error message.

(D. SWEIGERT, HARDWARE & COMMUNICATIONS)

TANDY 200 (26-3860) - TRANSFERRING TEXT FILES TO MODEL 4

The Model 4 TAPE100 utility can be used to transfer both Model 100 AND Tandy 200 TEXT files to disk on the Model 4.

(D. CONN, LANGUAGES)

MODEL 4D (26-1070) - SOFTWARE COMPATIBILITY

On page 32 of RSC-15 there is a reference to software compatibility on the 4D that says "most" TRSDOS and LDOS software will run. All applications programs should run on the 4D with no problems, so this is nothing to worry about. Items that will not be supported at this point are:

1. Double Duty (26-2231) - it is only supported on TRSDOS 6.1.2.

2. CP/M (26-2216) - waiting on a new version before it can be tested.

NOTE: If the application has a hard-coded limit as to how large a file can be, or if the DOS being used will not address a double sided diskette, you will be limited on a 4D .

(T FARMER, PRODUCTIVITY)

MODEL 4/III ACCOUNTS PAYABLE (26-1542) - ADDING OPTIONAL G/L ACCOUNTS

To add optional General Ledger accounts after transactions have been entered into your Accounts Payable system, use the following procedures:

1. Post all unposted transactions.
2. Print all reports necessary for a year end close.
3. Proceed through end of period procedures and answer yes to all 3 questions asked:
    a. "Clear Vendor Totals?" answer <Y>
    b. "Purge Paid Transactions?" answer <Y>
    c. "Clear G/L Summary Totals?" answer <Y>
4. Describe the additional accounts needed through the General Ledger Account Maintenance function of your Accounts Payable setup menu.
5. Define your additional accounts through the General Ledger Account Definition function.

NOTE: The Model 4 (700-2257) and Model III (700-2258) upgrades (to version 02.01.00 and 01.01.00, respectively) have greatly increased the # of optional accounts you can define.

(DAVID S. CARRIG, STORE #43-0736)

MODEL 4 ACCOUNTS PAYABLE UPGRADE (700-2257) - ADDITION TO INSTRUCTIONS

The hard disk instructions in the 700-2257 upgrade include a section on BACKing up the Setup diskette. Please be aware that the user must BACKUP the Processing diskette as well.

(V. OTTERBINE, ACCOUNTING)

MODEL 4/III SUPERSCRIPSIT (26-1595 & 26-1590) - *** NOTICE ***

These programs can cause data loss when documents become long or are heavily edited. In light of this, it is in the customer's best interest that you do not sell them SuperSCRIPSIT if they intend to use it for documents such as books/manuscripts, dissertations, catalogs, or theses. There are a number of Word Processors in the Express Order Software line which can be substituted for these types of applications.

If you have customers who already have SuperSCRIPSIT and are trying to use it for the type of "heavy duty" applications described above, encourage them to break their documents up into smaller sections of 5 to 10 pages, and to make sure they keep good backups if they intend to make constant revisions to the text.

For documents such as memos, letters or short lists (i.e. generally under 5 pages, all of the text is typed in at once with only minor revisions, etc.) there seem to be fewer problems. The majority of people we hear from who are happy with SuperSCRIPSIT are using it for these purposes. Advanced features such as true proportional spacing, automatic pagination, user-definable print codes, and others still make SuperSCRIPSIT one of the best values on the word processing market.

(T FARMER, PRODUCTIVITY)

MODEL 4 DESKMATE (26-1608) - TIDBITS

DeskMate will not work in conjunction with spooling, click filter, etc. due to memory conflicts.

The alarm portion of DeskMate uses one slot in the task slot vector table, and all background is done with that one task slot (see pp. 216-217 of the **Model 4** Technical Reference Manual for details on task slots).

(T FARMER PRODUCTIVITY)

SCRIPSIT 2.1 (26-4531) - ACCESSING PRINTERS OTHER THAN DW II

SCRIPSIT version 2.0 can only be used with DW II printers. In order to access other printers, you must upgrade to SCRIPSIT version 2.1. (Order number for the upgrade is 700-2036.)

(R D. BURNS. PRODUCTIVITY)

PRECEDENT LEGAL ACCOUNT SYSTEM (26-4620, 01.00.00) - ERROR OCCURS WHEN CLOSING

If the error "COBOL Subscript" occurs when closing the 9th month and/or calculating the balance under the 10th month while in the General Ledger section, have the customer obtain the 01.02.00 versions of the program. (700-2083, for Model II; 700-2092, for Model 12.)

(V. OTTERBINE. ACCOUNTING)

MODEL 16 PAYROLL (26-6203, 03.01.00) - DATA CONVERSION PROCEDURES

A. Converting Existing TRSDOS Data to Xenix (700-6009)
    TRSDOS-II data must still be converted to version 2.0 format with the
    "convrtpr" program.

B. Converting Existing Version 2.0 Data to Version 3.01 (700-2076)
    Due to numerous file format changes in version 3.01 Payroll, the customer must
    use the "/convert" program to allow 2.0 data to run with version 3.01
    programs. Failure to "/convert" 2.0 data files will result in Error 98 when
    running version 3.01 Payroll.

NOTE: Complete data conversion procedures are outlined in pages 19-22 of the Payroll
Addendums (875-9789 & 875-9790).

(C IMLER, ACCOUNTING)

MODEL 16 PAYROLL (26-6203) - FILE NOT UPDATED CORRECTLY IN 03.01.00

When installing 03.01.00 Payroll, your /etc/logbook is not updated correctly. Both
the Payroll and the Payroll conversion show as version 03.00.00. A Problem Report
(6203-080) has been turned in concerning this.

(A STINE, ACCOUNTING)

3.0 XENIX ACCOUNTING - INSTALLING VERSION 03.01.00

The 3.0 versions of Accounts Receivable (26-6204), Accounts Payable (26-6205), and
the 3.1 version of Payroll (26-6203) access seven common program files. If you
install Payroll 03.01.00 last, you may run into a problem trying to do local
printing on special forms in any package but Payroll. The process will be aborted
and it returns you to your runmm master menu. The current solution is to reinstall
either the 3.0 version of Accounts Receivable or Accounts Payable.

(J HAWKINS, ACCOUNTING)

3.0 XENIX ACCOUNTING - DEVELOPMENT SYSTEM COMMANDS USED

The installation of any version 3.0 accounting package copies three development
system commands to /bin that are used by the accounting software utilities "save",
and "move". The three development system commands are "tee", "wc", and "tr".

Those customers who re-install the Xenix core and attempt to restore data and
programs via the "save" utility will experience a "syntax error". To correct this
problem, re-install any version 3.0 package, which will restore the development
system commands that are required by the "save" and "move" utilities.

(J SPOTTS, ACCOUNTING)

MANUFACTURING INVENTORY SYSTEM (26-6309) - ASSIGNING STOCK NUMBERS

When assigning stock numbers on Manufacturing Inventory System, always assign the
maximum limit you think you will reach in your stock, because you can not change the
stock number once you start running the program. For example, you might switch your
stock from four digit to five or six, so assign stock number 000001 instead of 0001.

(V. OTTERBINE, ACCOUNTING)

PROFILE 16 (26-6412) - INTERCHANGING INPUT, AUTOMATIC, AND OUTPUT PROCESSES

Customers have called and asked how they might interchange or convert the three
different types of processes that Profile 16 uses: input, output, and automatic.
The instructions are as follows:

Profile 16 uses input, automatic, and output processes. There is a way to
interchange these three types of processes easily at the Xenix level. At the Xenix
level, in the /appl/profile/"filename" directory, process file names appear as
follows:

```
        prc.input        (an input process)
        prc.automatic    (an automatic process)
        prc."name"       (an output process)
        out."name"       (an output format)
```

"Name", is referring to the name that all output formats must have, whether they
contain processing or not.

These processes can be interchanged by using the mv (move) command in the following
manner:

```
# mv [source file] [destination file]

# mv prc.input prc.automatic     (input to automatic)
# mv prc.automatic prc.input        (automatic to input)
# mv prc."name" prc.input           (output to input)
# mv prc."name" prc.automatic       (output to automatic)
# mv prc.input prc."name"           (input to output)
# mv prc.automatic prc."name"       (automatic to output)
```

Important! All output formats are represented by a file called out."name". Output
formats with processing will also be represented by a corresponding file called
prc."name". Therefore, if an attempt is made to interchange an input or an
automatic process to function as an output process, an output format must first be
defined in order to create the necessary out."name" file that all output processes
must have.

(A. SNEARY, PRODUCTIVITY)

PROFILE 16 (26-6412, 01.00.00) - UPLOW GLOBAL EDIT

The Profile 16 UPLOW global edit does not work properly if the word contains any
type of punctuation. The letter following the punctuation mark is also capitalized
(e.g. Tandy'S). To avoid this, create either a local edit for a particular file or
a new global edit with the same syntax as the UPLOW edit, adding the expression
[{"'"}]. Include any punctuation you may need.

In Profile 16 version 01.01.00 the UPL and UPLOW global edits were moved to the
internal system edits and can no longer be edited. Therefore, adding the
expressions to the existing edit will not correct the problem.

NOTE: Version 01.01.00 is the only version now supported by Radio Shack.

(V SCEARSE, PRODUCTIVITY)

UNIFY (26-6415) - LOCAL PRINTING

While in Unify and using local printing with either ENTER or your own "C" coding, remember that once you load a screen (which ENTER does), your terminal enters RAW Mode. This will cause unpredictable results when attempting to print anything locally (e.g., send garbage to the printer or exit from the printer). Always use the "setcook" command (in your C interface section of your manual) before printing.

(R. HEERSCHAP, CORR/EDUC/HOME/LANG)

SCRIPSIT 16 (26-6431) - ERROR MESSAGE WHEN RUNNING SCRIPTX

If you are running scriptx and get the error message "Document type not found", type:

        scripsit -x scriptx

This must be done once by each user planning to run the scriptx program.

(R MOORE, PRODUCTIVITY)

XENIX 3.0 - MAXIMUM PROCESSES AND OPEN FILES ALLOWED

The maximum number of processes available per user under Xenix version 3.0 is 15. The maximum number of open files permitted per user under 3.0 Xenix is 17 plus stdin, stdout, and stderr.

(M. BARNER, LANGUAGES,

XENIX 3.0 (700-3030) - SETTING SWITCHES ON THE HAYES 1200 MODEM

To use a Hayes 1200 Modem with Xenix 3.0, set the switches on the Hayes modem as follows:
        1-3 & 5-7   UP   4 & 8   DOWN
Edit the tty's for the port to be 03, enable port, and the modem will now work. We have logged on to a system set up this way with no problems.

EDITOR'S NOTE: This information has not been tested by Computer Customer Service.

(CHUCK McCONVEY, ATSO #43-0738)

MICROSOFT WORD (25-1153 & 26-5314) - NON-RADIO SHACK PRINTER DRIVERS

As a general rule, Radio Shack does not provide drivers for non-Radio Shack printers. An exception to this rule is Microsoft Word. The ATSO's have copies of Microsoft Word printer drivers for the following Epson, IBM and IBM-compatible printers:

D620	EPSONRX	OKI92	AUX1
D630A	GRAFTRAX	QUME11	RADIX
MSPRINT	IBMGRAPH	TI850	DELTA
EPSONFX	ITOHSTAR	TOSH1350	MT1X
EPSONMX	NEC3550	TTY	D630
EPSONMSG	NEC7710	TTYBS	MT80
TTYWHEEL	OKI2410	AUX2	

(R.R. LUDWIG & D. BURNS, PRODUCTIVITY)